

Project Title	Funding	Strategic Plan Objective	Institution
ACE Network: A longitudinal MRI study of infants at risk for autism	\$3,317,464	Q1.L.A	University of North Carolina at Chapel Hill
Clinical and behavioral phenotyping of autism and related disorders	\$2,416,235	Q1.L.B	National Institutes of Health (NIH)
Model diagnostic lab for infants at risk for autism	\$1,989,796	Q1.L.A	Yale University
Genomic identification of autism loci	\$1,139,256	Q1.S.B	University of Washington
Early detection of pervasive developmental disorders	\$1,067,234	Q1.S.A	University of Connecticut
Infants at risk of autism: A longitudinal study (supplement)	\$1,022,289	Q1.L.A	University of California, Davis
Improving and streamlining screening and diagnosis of ASD at 18-24 months of age	\$971,606	Q1.S.B	Florida State University
The creation of ASDRA (Autism Spectrum Disorder Risk Alert)	\$968,717	Q1.S.A	Tiranoff Productions, LLC
Autism: Social and communication predictors in siblings	\$751,256	Q1.L.B	Kennedy Krieger Institute
Neurobehavioral research on infants at risk for SLI and autism	\$710,348	Q1.S.B	Boston University Medical Campus
Predicting useful speech in children with autism	\$689,435	Q1.L.B	Vanderbilt University
ACE Center: Early detection and intervention in infants at risk for autism	\$627,746	Q1.L.B	University of Washington
1/2 Development of a screening interview for research studies of ASD	\$617,084	Q1.S.A	University of Michigan
Receptive vocabulary knowledge in low-functioning autism as assessed by eye movements, pupillary dilation, and event-related potentials	\$615,000	Q1.Other	Johns Hopkins University
Social-emotional development of infants at risk for autism spectrum disorders	\$606,646	Q1.Other	Vanderbilt University
The ontogeny of social visual engagement in infants at risk for autism	\$584,587	Q1.L.A	Yale University
Infants at risk of autism: A longitudinal study	\$583,831	Q1.L.A	University of California, Davis
Autistic traits: Life course & genetic structure	\$573,470	Q1.Other	Washington University in St. Louis
ACE Center: Assessment Core	\$568,028	Q1.L.A	Yale University
Early identification of autism: A prospective study	\$566,827	Q1.L.A	University of Pittsburgh
Expressive and receptive prosody in autism	\$559,970	Q1.Other	Oregon Health and Science University
Social-affective bases of word learning in fragile X syndrome and autism	\$552,090	Q1.Other	University of Wisconsin - Madison
The development of face processing	\$529,515	Q1.S.B	Children's Hospital Boston
Atypical pupillary light reflex in individuals with autism	\$515,419	Q1.Other	University of Missouri
Abnormal vestibulo-ocular reflexes in autism: A potential endophenotype	\$510,142	Q1.L.A	University of Florida
Early language development within the autism spectrum	\$505,018	Q1.Other	University of Wisconsin - Madison
Development of a brief screener for research in autism spectrum disorders	\$498,777	Q1.S.A	University of Michigan

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Performance indices of social disability in toddlers with autism	\$497,995	Q1.L.B	Yale University
Sensory experiences in children with autism	\$486,700	Q1.Other	University of North Carolina at Chapel Hill
Placental vascular tree as biomarker of autism/ASD risk	\$483,029	Q1.L.A	Research Foundation for Mental Hygiene, Inc.
Biomarkers for autism and for gastrointestinal and sleep problems in autism	\$472,129	Q1.L.A	Yale University
Measuring quality adjusted life years in children with autism spectrum disorders	\$441,724	Q1.L.C	Arkansas Children's Hospital Research Institute
Social evaluation in infants and toddlers	\$413,750	Q1.L.B	Yale University
Perception of social and physical contingencies in infants with ASD	\$413,750	Q1.L.B	Yale University
ACE Center: Clinical Phenotype: Recruitment and Assessment Core	\$393,095	Q1.L.A	University of California, San Diego
Metabolic biomarkers of autism: Predictive potential and genetic susceptibility	\$380,150	Q1.L.A	Arkansas Children's Hospital Research Institute
ACE Center: Assessment Core	\$377,572	Q1.Other	University of Illinois at Chicago
ACE Center: MRI studies of early brain development in autism	\$365,830	Q1.L.A	University of California, San Diego
2/2 Development of a screening interview for research studies of ASD	\$364,291	Q1.S.A	Cincinnati Children's Hospital Medical Center
Mitochondria and autism	\$363,400	Q1.L.A	University of California, Irvine; University of California, San Diego
Electrophysiological signatures of language impairment in autism spectrum disorder	\$347,590	Q1.L.B	Children's Hospital of Philadelphia
Integrated function/structure image analysis in autism	\$339,441	Q1.L.B	Yale University
Development of intermodal perception of social events: Infancy to childhood	\$332,204	Q1.Other	Florida International University
ACE Center: The development of the siblings of children with autism: A longitudinal study	\$331,863	Q1.Other	University of California, Los Angeles
Development of neural pathways in infants at risk for autism spectrum disorders	\$328,313	Q1.L.A	University of California, San Diego
Language development and outcome in children with autism	\$325,125	Q1.L.A	University of Connecticut
Child-initiated communicative interactions and autism intervention	\$322,692	Q1.L.B	University of California, Santa Barbara
Improving accuracy and accessibility of early autism screening	\$318,946	Q1.S.A	Total Child Health, Inc.
Sensory experiences in children with autism (supplement)	\$315,122	Q1.Other	University of North Carolina at Chapel Hill
ACE Center: The Diagnostic and Assessment Core	\$309,135	Q1.Other	University of California, Los Angeles

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ACE Center: Linguistic and social responses to speech in infants at risk for autism	\$308,398	Q1.L.A	University of Washington
ACE Center: Eye-tracking studies of social engagement	\$307,211	Q1.L.B	Yale University
ACE Center: Gaze perception abnormalities in infants with ASD	\$307,065	Q1.L.A	Yale University
The development of joint attention after infancy	\$307,063	Q1.Other	Georgia State University
Language development and outcome in children with autism (supplement)	\$299,918	Q1.L.A	University of Connecticut
Emotion, communication, & EEG: Development & risk	\$298,154	Q1.L.B	University of Miami
Prospective study of infants at high risk for autism	\$286,887	Q1.L.A	Yale University
Developmental processes, trajectories, and outcomes in autism	\$286,887	Q1.Other	Yale University
Studies of social communication in speakers with autism spectrum disorder	\$286,883	Q1.Other	Yale University
Computer adaptive testing of adaptive behavior of children and youth with autism	\$284,375	Q1.S.A	Boston University
Portable guidance in autism spectrum disorder	\$282,025	Q1.Other	SymTrend, Inc.
ACE Center: Auditory mechanisms of social engagement	\$275,966	Q1.Other	Yale University
Supplement to NIH ACE Network grant: "A longitudinal MRI study of infants at risk for autism"	\$270,000	Q1.L.A	University of North Carolina at Chapel Hill
Studying the biology and behavior of autism at 1-year: The Well-Baby Check-Up Approach	\$261,462	Q1.L.A	University of California, San Diego
Emotion-modulated psychophysiology of autism spectrum disorders	\$258,981	Q1.Other	University of North Carolina at Chapel Hill
Early detection of autism through acoustic analysis of cry	\$257,066	Q1.Other	Women and Infants Hospital of Rhode Island
Social communication phenotype of ASD in the second year	\$251,746	Q1.L.A	Florida State University
Identification of lipid biomarkers for autism	\$249,924	Q1.L.A	Massachusetts General Hospital
Visual processing and later cognitive effects in infants with fragile X syndrome	\$249,794	Q1.Other	University of California, Davis
Early social communication characteristics of ASD in diverse cultures in the US and Africa	\$238,233	Q1.S.B	Florida State University
Expressive crossmodal affect integration in autism	\$230,998	Q1.Other	Oregon Health and Science University
Eyeblink in children and adolescents with autism spectrum disorders: A pilot study	\$229,500	Q1.Other	Drexel University
A longitudinal 3-D MRSI study of infants at high risk for autism	\$225,553	Q1.L.A	University of Washington
Validation study of atypical dynamic pupillary light reflex as a biomarker for autism	\$204,525	Q1.L.A	University of Missouri

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ACE Center: Data Management and Analysis Core	\$202,737	Q1.L.A	Yale University
ACE Center: Integrated Biostatistical and Bioinformatic Analysis Core (IBBAC)	\$202,457	Q1.L.A	University of California, San Diego
Tools for automated assessment of language	\$198,687	Q1.Other	Biospeech, Inc.
Early detection of pervasive developmental disorders (supplement)	\$193,155	Q1.S.A	University of Connecticut
Magnetic source imaging and sensory behavioral characterization in autism	\$176,201	Q1.L.B	University of California, San Francisco
Multimodal analyses of face processing in autism and Down syndrome	\$155,270	Q1.Other	University of Massachusetts Medical School
Novel methods for testing language comprehension in children with ASD	\$150,000	Q1.S.B	Boston University
Misregulation of BDNF in autism spectrum disorders	\$150,000	Q1.L.A	Weill Cornell Medical College
Signatures of gene expression in autism spectrum disorders	\$150,000	Q1.L.A	Children's Hospital Boston
Oxytocin biology and the social deficits of autism spectrum disorders	\$150,000	Q1.L.A	Stanford University
Attention to social and nonsocial events in children with autism	\$149,888	Q1.S.B	Florida International University
Language learning in autism	\$149,545	Q1.L.C	Georgetown University
Electrophysiological signatures of language impairment in autism spectrum disorder (supplement)	\$149,432	Q1.L.B	Children's Hospital of Philadelphia
Multiple social tasks and social adjustment	\$144,875	Q1.L.B	California State University, Northridge
Understanding the delay in the diagnosis of autism	\$139,072	Q1.S.C	University of Pennsylvania
Neocortical mechanisms of categorical speech perception	\$132,214	Q1.L.C	University of California, San Francisco
Family/Genetic study of autism	\$130,000	Q1.L.A	Southwestern Autism Research & Resource Center (SARRC)
Identifying gastrointestinal (GI) conditions in children with autism spectrum disorders (ASD)	\$127,500	Q1.L.A	Harvard Medical School
Automated measurement of facial expression in autism: Deficits in facial nerve function?	\$127,500	Q1.L.B	University of Miami
Systematic characterization of the immune response to gluten and casein in autism spectrum disorders	\$126,432	Q1.Other	Weill Cornell Medical College
Think Asperger's	\$125,000	Q1.S.A	Southwestern Autism Research & Resource Center (SARRC)
BrainVision BrainAmp MR plus	\$120,670	Q1.S.A	Mount Sinai School of Medicine
Electrophysiological, metabolic and behavioral markers of infants at risk	\$92,397	Q1.L.A	Children's Hospital Boston

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Analyses of brain structure and connectivity in young children with autism	\$90,000	Q1.L.B	University of California, Davis
Perceptual factors affecting social attention in autism spectrum disorders	\$82,750	Q1.L.B	Yale University
Neural correlates of eye gaze processing in fragile X syndrome and autism spectrum disorders	\$78,000	Q1.Other	University of Washington
Nonlinguistic vocalizations in autism: Acoustic cry analysis in early infancy	\$74,200	Q1.L.A	Women and Infants Hospital of Rhode Island
Pre- and postnatal neurobehavioral profiles in infants at risk for autism	\$74,200	Q1.Other	Women and Infants Hospital of Rhode Island
Pupil size and circadian salivary variations in autism spectrum disorder	\$70,138	Q1.L.A	University of Kansas
Quantitative analysis of craniofacial dysmorphology in autism	\$68,688	Q1.S.A	University of Massachusetts Medical School
Development of face perception and recognition (supplement)	\$68,253	Q1.Other	Stanford University
Characterizing ASD phenotypes by multimedia signal and natural language processing	\$65,726	Q1.L.C	Columbia University
Clinical and gene signatures of ASDs	\$61,000	Q1.L.A	University of British Columbia
Imitation in autism	\$61,000	Q1.L.B	King's College London
Ethnicity and the elucidation of autism endophenotypes	\$61,000	Q1.L.B	Washington University in St. Louis
Interactions between mothers and young children with ASD: Associations with maternal and child characteristics	\$61,000	Q1.Other	University of Haifa
Autism spectrum disorder in Down syndrome: A model of repetitive and stereotypic behavior for idiopathic ASD	\$60,000	Q1.Other	Kennedy Krieger Institute
Predicting useful speech in children with autism (supplement)	\$59,553	Q1.L.B	Vanderbilt University
Growth and maturation in children with autism	\$57,383	Q1.L.B	National Institutes of Health (NIH)
ACE Center: The development of the siblings of children with autism: A longitudinal study (supplement)	\$55,372	Q1.Other	University of California, Los Angeles
International trends in diagnoses and incidence of autism spectrum disorders	\$54,866	Q1.S.B	Telethon Institute for Child Health Research
ACE Center: The Diagnostic and Assessment Core (supplement)	\$51,580	Q1.Other	University of California, Los Angeles
Multimodal studies of executive function deficits in autism spectrum disorders	\$48,954	Q1.L.B	Massachusetts General Hospital
Emotional mimicry in children with autism	\$48,647	Q1.L.B	University of Colorado Denver
Autism dysmorphology measure validity study	\$47,958	Q1.S.A	University of Missouri
Cellular structure of the amygdala in autism	\$45,218	Q1.L.B	University of California, Davis

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Automated measurement of dialogue structure in autism	\$44,250	Q1.S.A	Oregon Health and Science University
Predicting outcome at age 5 of younger siblings of children with ASD	\$40,866	Q1.L.A	Vanderbilt University
Prosodic and pragmatic processes in highly verbal children with autism	\$37,500	Q1.L.C	President & Fellows of Harvard College
ACE Center: Administrative Core	\$34,477	Q1.L.A	University of California, San Diego
Asperger's syndrome: Diagnosis, interpretation and impact	\$34,360	Q1.L.C	University of Chicago
Neural mechanisms underlying obsessive compulsiveness in ASD	\$32,236	Q1.L.B	University of Michigan
The genetic link between autism and structural cerebellar malformations	\$31,750	Q1.L.A	University of Chicago
Evaluation of behavior problems in children with ASD	\$30,025	Q1.Other	Center for Autism and Related Disorders (CARD)
University of Georgia & Carolina Autism Resource and Evaluation Center (UGA-CARES): A collaborative autism screening project utilizing web-based technology	\$30,000	Q1.S.B	University of Georgia
Using a direct observation assessment battery to assess outcome of early intensive behavioral intervention for children with autism	\$30,000	Q1.L.B	New England Center for Children
Reward systems in children with autism	\$29,840	Q1.L.B	University of California, Los Angeles
Temperament, emotional expression, and emotional self-regulation in relation to later ASD diagnosis	\$29,500	Q1.L.B	Bryn Mawr College
Temporal coordination of social communicative behaviors in infant siblings of children with autism	\$28,000	Q1.L.A	University of Pittsburgh
Amygdala structure and biochemistry in adolescents with autism	\$27,618	Q1.L.B	University of Wisconsin - Madison
Baby Siblings Research Consortium	\$26,634	Q1.Other	Autism Speaks (AS)
Psychometric evaluation of the behavior problems inventory in ASD	\$25,032	Q1.Other	Center for Autism and Related Disorders (CARD)
Sleep, neuropsychological, mood, behavior, learning, and developmental problems in children with autism	\$18,085	Q1.L.B	Penn State College of Medicine
Plasticity in autism spectrum disorders: Magnetic stimulation studies	\$14,963	Q1.L.B	Beth Israel Deaconess Medical Center
Psychometric evaluation of the QABF in children with ASD	\$11,069	Q1.Other	Center for Autism and Related Disorders (CARD)
Psychometric evaluation of the autism symptom diagnostic scale	\$8,975	Q1.S.A	Center for Autism and Related Disorders (CARD)
Naturalistic observation diagnostic assessment for autism	\$0	Q1.S.A	Southwestern Autism Research & Resource Center (SARRC)
The development of Chinese versions of the ADOS and ADI-R	\$0	Q1.S.B	Johns Hopkins Bloomberg School of Public Health

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Video game environments for the integrative study of perception, attention and social cognition in autism and autism sibs	\$0	Q1.S.B	Cornell University
Multiplexed suspension arrays to investigate newborn and childhood blood samples for potential immune biomarkers of autism	\$0	Q1.L.A	Centers for Disease Control and Prevention (CDC)
Neurophysiological indices of risk and outcome in autism	\$0	Q1.L.A	University of Washington
A prospective multi-system evaluation of infants at risk for autism	\$0	Q1.L.B	Massachusetts General Hospital
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